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GLOSSARY INDEX
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GRADE 7 TOPIC INDEX

Unit Location

Ratio and Proportional Relationships

Represent proportional relationships by equations.	2, 3, 7, 9
Solve multistep ratio and percent problems	2, 6, 9, 10
Compute unit rates with fractions	3
Recognize and represent proportional relationships	3, 6, 7, 9

Number Sense

Convert rational numbers to decimals	1
Solve problems using rational number operations.	2, 3, 5, 6, 7, 9
Add and subtract rational numbers	4, 5
Multiply and divide rational numbers	5

Expressions and Equations

Rewrite expressions to show how quantities are related.	2, 6, 9
Solve problems with rational numbers in different forms; use tools strategically; assess reasonableness	2, 3, 5, 6, 9, 10
Operations with linear expressions	6, 7
Solve problems with equations.	6, 7, 8
Manipulate with linear expressions with rational coefficients	7
Solve problems with inequalities.	7

Geometry

Solve problems involving scale drawings.	2, 3
Draw shapes, determine conditions for unique triangles	8
Slice 3-D figures; determine cross sections	8, 9
Solve problems related to angles	8
Derive and use formulas for circumference and area of a circle	9
Solve area, volume, surface area problems	9

Probability and Statistics

Understand probability as a chance event	1, 10
Collect data from chance process and predict frequency	1
Develop a probability model; use it to find probabilities	1, 4, 10
Find probabilities of compound events	1, 4
Understand the importance of random sampling for valid statistics	10
Use data from random samples to draw inferences about a population	10
Use data displays and statistical measures to compare two distributions	10
Draw inferences about two populations using measures of center and spread	10